

# Active Infrared Door Sensor i-oneX T

*The highest density  
in the world*

*The number of detection spots  
is increased to 80 spots*



Black

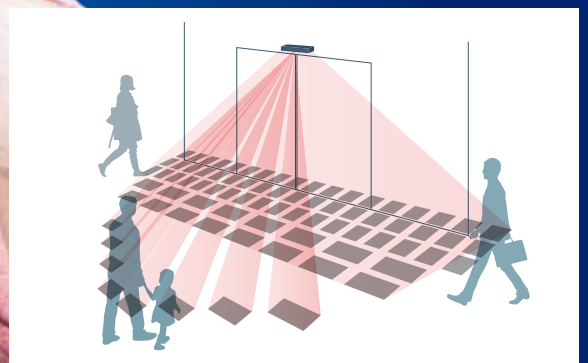


## Detection area patterns

Width (Right)	Width (Left)	Approach area	Presence area
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$$3 \times 3 \times 8 \times 4 = 288$$

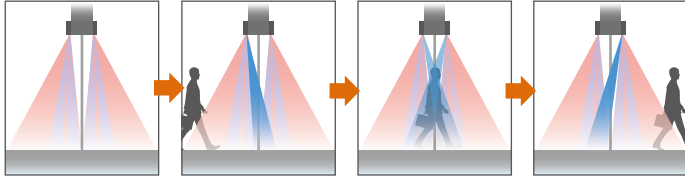
The extra-wide detection area covers the door opening plus sidelights, providing fast detection for traffic approaching from any angle.



Complied with New ANSI standard



How it Works: When the approach area detects a person or object, the sensor will activate the door and turn on the "BLUEZONE" which detects through the threshold. As long as someone is in the detection area, the sensor will keep the door in the open position. Once the area is cleared, the "BLUEZONE" will ignore the door panels and allow the door to safely close.



## Monitoring Capability

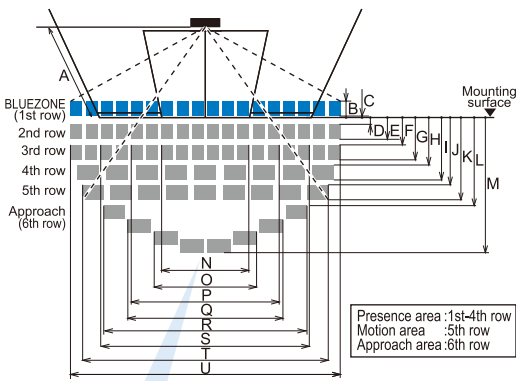
i-oneX T has built-in "monitoring capability". The i-oneX T monitors all its critical functions and notifies compatible controls when an error occurs. Self monitoring capability ensures a higher level of performance over the life of the sensor.

## Adapted in Cold District

-31°F to 131°F

## Detection Area

### Motion / Presence area



[feet, inch (m)]

A	7'3" (2.20)	8'2" (2.50)	9'10" (3.00)
B	9" (0.22)	10" (0.25)	1' (0.31)
C	6" (0.16)	7" (0.18)	8" (0.21)
D	2" (0.06)	3" (0.07)	3" (0.08)
E	7" (0.17)	8" (0.20)	9" (0.24)
F	1'7" (0.49)	1'10" (0.55)	2'2" (0.65)
G	1'8" (0.50)	1'11" (0.58)	2'4" (0.70)
H	2'8" (0.82)	3'1" (0.93)	3'8" (1.11)
I	2'10" (0.86)	3'3" (0.99)	3'11" (1.19)
J	3'5" (1.04)	3'10" (1.18)	4'8" (1.41)
K	3'7" (1.09)	4'1" (1.24)	4'11" (1.49)
L	4'9" (1.45)	5'5" (1.65)	6'6" (1.98)
M	8'1" (2.46)	9'2" (2.79)	11' (3.35)
N	4'6" (1.38)	5'2" (1.57)	6'2" (1.89)
O	7'1" (2.15)	8' (2.45)	9'8" (2.95)
P	8'4" (2.53)	9'5" (2.88)	11'4" (3.45)
Q	10'6" (3.20)	12' (3.65)	14'4" (4.38)
R	12'1" (3.68)	13'9" (4.18)	16'6" (5.02)
S	14' (4.27)	15'11" (4.86)	19'2" (5.84)
T	13'5" (4.10)	15'4" (4.67)	18'4" (5.60)
U	16'9" (5.10)	19' (5.79)	22'10" (6.95)

### Approach area

\*Mounting Height = 7'3" (2.2m) [feet, inch (m)]

	-15°	0°	+10°
L	2'2" (0.67)	4'9" (1.45)	6'9" (2.06)
M	5'1" (1.54)	8'1" (2.46)	12' (3.65)
O	5'7" (1.69)	7'1" (2.15)	8'2" (2.50)
Q	8'3" (2.52)	10'6" (3.20)	11'8" (3.56)
S	12' (3.66)	14' (4.27)	15'7" (4.76)

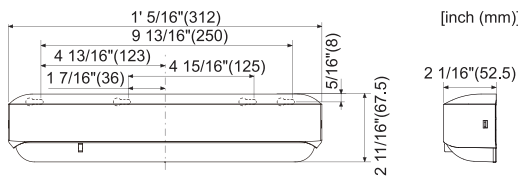
### Approach area

-15°  
0°  
10°

## Specifications

Model	i-oneX T
Cover color	Black
Mounting height	6'7" to 9'10" (2.0 to 3.0 m)
Detection area	See <b>DETECTION AREA</b>
Detection method	Active infrared reflection
Depth angle adjustment	Approach area -15° to +10° Presence/Motion area -10° to +8°
Power supply	12 to 24 VAC ±10% (50 / 60 Hz) 12 to 30 VDC ±10%
Power consumption	< 2.5 W (< 4 VA at AC)
Activation output	Form A relay 50 V 0.3 A Max.(Resistance load)
Safety output	Form A relay 50 V 0.3 A Max.(Resistance load)
Test input	Opto coupler Voltage 5 to 30 VDC Current 6 mA Max.(30 VDC)
Output hold time	0.5 to 1.5 sec.
Response time	< 0.3 sec.
Operating temperature	-31°F to 131°F(-35°C to +55°C)
Operating humidity	< 80%
IP rate	IP54
Weight	14.6 oz (420 g)
Accessories	1 Operation manual 2 Mounting screws 1 Mounting template 1 Area adjustment tool 1 Cable 9'10" (3 m)

## Dimensions



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